

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER
THE PATENT COOPERATION TREATY (PCT)

Corrected Version

(19) World Intellectual Property Organization
International Bureau

[WIPO]

[Bar Code]

(43) International Publication Date
August 18, 2005 (08/18/2005)

PCT

(10) International Publication Number
WO 2005/075833 A1

(51) International Patent Classification⁷: **F15B 11/44**,
11/16, 11/20

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(21) International Application No.: **PCT/EP2004/013927**

(22) International Filing Date:
December 8, 2004 (12/08/2004)

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(25) Language in which the international application was
originally filed: German

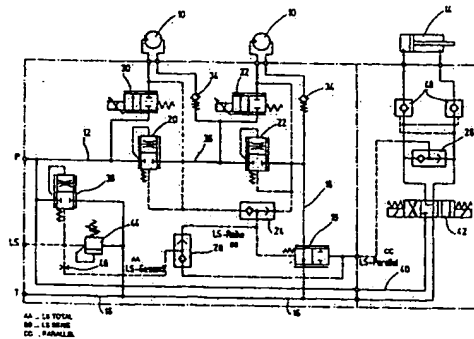
(26) Language in which the international application is
published: German

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(30) Priority Data:
10 2004 005 606.4 February 5, 2004 (02/05/2004) DE

[continued on next page]

(54) Title: CIRCUIT ARRANGEMENT



(57) Abstract: The invention relates to a circuit arrangement comprising a load sensing system (LS) wherein individual loads (10,14) are arranged in series, forming a series section, and in parallel, forming a parallel section, in a hydraulic supply circuit (12) comprising at least one supply pump (P) and a runback (16) for fluid, the load sensing system (LS) determining the highest load pressure in both the series section and parallel section. The loads of the parallel section can be actuated independently from the pressure level of the loads of the series section due to the fact that the respectively highest load pressure is transferred as a control pressure to a valve unit (18) in such a way that, as long as the load pressure of the parallel section is higher than the load pressure of the series section, the valve unit restricts the runback (16) for fluid so much that the pressure of the supply pump (P) matches or exceeds the pressure required in the parallel section. In this way, a sufficient fluid pressure for the respective load in the parallel section is ensured independently of the number of loads in the series section.

(57) Zusammenfassung: Die Erfindung betrifft eine Schaltungsanordnung mit einem Load-Sensing-System (LS), bei der einzelne Verbraucher (10,14) sowohl in Reihe unter Bildung einer Reihensektion als auch parallel unter Bildung einer Parallelsektion zueinander angeordnet in einen hydraulischen Versorgungskreis (12) mit mindestens einer Versorgungspumpe (P) und einem Rücklauf (16) für Fluid geschaltet sind, wobei das Load-Sensing System (LS) den jeweils

[Fortsetzung auf der nächsten Seite]

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(81) Designated States (*unless indicated otherwise, for each available type of national protective right*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless indicated otherwise, for each available type of national protective right*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,

SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with International Search Report*

(48) Date of publication of corrected version:
November 17, 2005

(15) Information regarding the correction:
see PCT Gazette No. 46/2005 of November 17,
2005, Section II.

Reference is made for an explanation of the two-letter codes and the other abbreviations to the Guidance Notes on Codes and Abbreviations in the front section of each regular PCT Gazette edition.